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EXCLUSIVE: The 1990 International User Group Directory

LEAPING AHEAD IN SOFTWARE PRODUCTIVITY

Portable Languages Are the New Keys to Competitive Systems Development

Also in This Issue:

PCs: Spreadsheet Consolidation

U.S. Computer Research's Basic Dilemma

A New Rival to Ethernet and Token Ring?

Why CEOs Owe IS More Respect

DEC. 1, 1989

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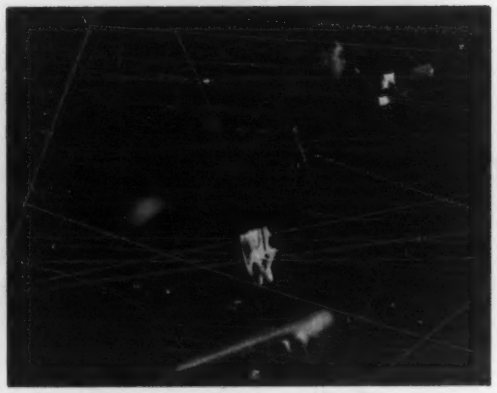
DATAMATION®

FOR MANAGERS OF INFORMATION TECHNOLOGY WORLDWIDE



Leaping Ahead In Software Productivity 22

BY RALPH CARLYLE A new generation of programming languages is cropping up that can be used across different computing architectures. More flexible than vendor-dependent fourth-generation languages, not quite as sophisticated as fifth-generation AI- or expert-system-based languages, these 4½ generation products are providing some remarkable productivity advantages. Some vendors are offering them, and some users are engaging in development endeavors themselves.

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Cover Photography by Ed Braverman

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BY JOHN McMULLEN Using PC macro languages, adventurous nonprogrammer end users are developing their own applications, often without the involvement of IS management.

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BY WILLIE SCHATZ Most private sector businesses are unwilling to support basic computer science research because the payoff comes too far in the future. So, academic computer science researchers must count on government for most of their funding. Once, government nutured advances in such fundamental fields as artificial intelligence. But, with budget squeezes, the emphasis is increasingly on defense-related applied research—at the expense of basic research.

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BY CHRIS SIVULA Datapoint Corp.'s ARCnet, long a shadowy part of the local area networking world, is being recast as a high-speed, multivendor network. Will its proprietary past continue to undermine its attempts to challenge Ethernet and token ring?

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BY TOM McCUSKER Upon his retirement from Hughes Aircraft Co., DATAMATION editorial adviser Carl Reynolds is frankly critical of corporate management's failure to recognize the value of IS in increasing business efficiency.

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DIRECTORY

1990 International User Group Directory 81

BY KURT ROTHSCHILD What better way exists to investigate a product, service or vendor than by sharing the experiences of your peers? None, we think. That's the purpose behind our annual International User Group Directory, which makes its third appearance with this issue.

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Expanding Computer Technology's Limits

Advancing the outer limit of information technology's use or "pushing the envelope," to borrow a jet pilot's term, should be the ultimate aim of any information system manager.

Ultimately fulfulling this lofty aim requires a lot of mundane details like sparking better understanding of system use among end users, eliminating technobabble from documentation and troubleshooting system bugs. Far from seeming like steps toward that end, however, those numberless daily minutiae are so time consuming and frustrating that they overwhelm any sense an IS manager might have of a greater accomplishment.

Nevertheless, as illustrated in senior writer Ralph Carlyle's cover story, "Leaping Ahead in Software Productivity," IS managers can sometimes transcend the back-breaking routine of system management to generate substantial improvements in applied computer science. The Boston brokerage firm Colonial Group Inc. climbed beyond the software development ceiling as defined by one vendor's fourth generation language. Using a half-generation improvement in programming technology, Colonial got a 3-million-line mutual funds system in half the time and at one-tenth the price it would have cost otherwise.

Photograph by Stephen J. Sherman

COLONIAL'S EMILSON: A bold new approach.

But what about the quantum leaps ahead? Many notable IS executives have bemoaned what they see as the need for a revolution in, for example, software development technology. From where will this kind of innovation spring? That may well be the question of the hour. Quantum leaps in computer science require long-term research into fundamental principles.

As a nonprofit organization, the federal government theoretically should be the agent for multiple year, fundamental computer science research. And, historically, federal agencies, including the Department of Defense's Defense Advanced Research Projects Agency, have sponsored such research, such as DARPA's work in artificial intelligence in the 1970s. But, as Willie Schatz reports in "U.S. Computer Research's Basic Dilemma," things have changed. Prominent university computer science researchers tell DATAMATION that the pressure in the last few years to target their projects to specific military applications has become oppressive. Worse, nonmilitary funds for computer research have remained stagnant.

As Schatz points out, private industry, with its quarter-to-quarter profit myopia, cannot be expected to take the same risks with long-term research that the government can. Certainly not. But could it do more than it does now?

According to Carl Shepard, an economist at the U.S. Department of Commerce, it can, but only if the "research and experimentation" tax credit is altered. Three things must change, Shepard says. One, the credit must be made permanent; the temporary status it has had for several years makes it usable only for incremental, not long-term, research. Two, it must be made available to start-up firms and new technology ventures of existing firms; right now it is only available for research that relates to a firm's on-going business. Third, and finally, the way the tax credit is calculated must be changed so it does not to punish big R&E spenders.

Legislation that attempts to solve these problems was pending at press time, as the credit is due to expire December 31. With all of Washington's budget considerations, making these changes could get postponed again. Now is the time for DATAMATION's readers to voice a vote and help their industry push the envelope on computer science research.

Marsha Johnston Fisher

Marsha Johnston Fisher, Section Editor

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Spreadsheet Consolidation

New and coming releases of PC spreadsheets promise to narrow the functional differences among packages. Memory use—not functional equivalence—is becoming a more important criterion for selection.

BY JOHN McMULLEN

As features such as macro languages, standard file formats and linking capabilities become common in the major spreadsheet packages, you would think there'd be fewer reasons than ever for companies to restrict the variety of spreadsheets they allow through their doors. Guess again.

To improve user support and training and simplify upgrade administration, corporations are placing limits on the variety of PC spreadsheet packages they allow. Some businesses are loath to support multiple packages that generally provide the same functions. Others point to costly hardware requirements for newer packages such as Lotus Development Corp.'s 1-2-3 release 3.0 or Microsoft Corp.'s Excel.

Ironically, functional equivalence in the packages may be fueling this vendor loyalty. Functional equivalence makes it easier for users to switch packages when companies standardize on a single package because they no longer have to forego favored functions or spend significant time retraining.

Price Convergence

This spreadsheet consolidation is occurring despite the fact that not only functions but prices are converging. Borland International Inc., whose $247 Quattro been the bargain basement spreadsheet, has priced its next version, Quattro Pro, at $495—closer to the prices charged for Lotus 1-2-3 release 2.2, Computer Associates International Inc.'s SuperCalc5 and Microsoft's Excel. Only spreadsheet market leader Lotus departs from the industry norm by charging $595 for its release 3.0 version of 1-2-3.

According to the 1989 DATAMATION/Cowen & Co. survey of PC software purchasing plans, corporations do plan to expand their use of Microsoft's Excel and Borland's Quattro. But the anticipated shift is small. The survey predicts that Lotus 1-2-3 will maintain its two-thirds share of the spreadsheet market this year as it did last year. In addition, more readers this year believe Lotus 1-2-3 will be their principal spreadsheet supplier in the future than thought so a year ago.

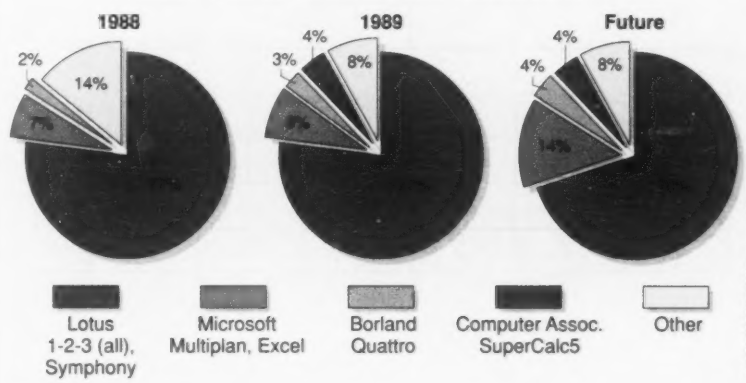
For example, Price Waterhouse has only one spreadsheet requirement: all spreadsheet files must be stored in Lotus' .WK1 file format, says Steve Owens, a project manager for Price Waterhouse's management consulting services group. "As long as what our people want supports Lotus [files], that's okay," says Owens. That requirement has encouraged Lotus 1-2-3 use over other spreadsheet packages. At Price Waterhouse, Lotus 1-2-3 runs on some 7,000 to 8,000 PCs, outnumbering the second most popular spreadsheet, Quattro, five to one.

If there is going to be any migration away from Lotus, as companies standardize their spreadsheets, the exodus will probably be caused by hardware considerations. In fact, hardware requirements have become the chief means of distinguishing among spreadsheet options. Packages such as SuperCalc5, Lotus 1-2-3 release 2.2 and Quattro Pro occupy only 512KB of PC memory. In contrast,

Few Users Change Principal Vendors

Surveys of DATAMATION readers' principal spreadsheet vendors show that more people expect to abandon Lotus 1-2-3 than actually do.

% OF RESPONDENTS USING SPREADSHEETS



*SuperCalc5 sales in 1988 were included in the "other" category.

Source: DATAMATION/Cowen & Co.

Lotus 1-2-3 release 3 has a larger memory configuration, and Excel requires expanded memory, graphics and mouse support.

While memory prices have fallen recently, the price difference between current-generation PCs and those enhanced for windowing environments is still significant. Some analysts estimate the cost of upgrading a PC to 1MB of memory and providing support for VGA graphics at as much as $2,000. That's a steep price when there can be hundreds to thousands of spreadsheet users in a company.

Playing Hardball With Hardware

GTEL, a Thousand Oaks, Calif., subsidiary of GTE Corp., is one company that found the hardware costs involved in sticking with Lotus to be formidable. The telephone company formerly split its spreadsheet purchases between Lotus' 1-2-3 release 2.01 and Borland's Quattro. But after evaluating Borland's Quattro Pro, GTEL expects to limit its future spreadsheet purchases exclusively to Borland's newest spreadsheet offering.

"We are not looking to completely rethink our spreadsheet strategies," explains John MacCatherine, GTEL's manager of end-user computing. "On the other hand, there's no way we're going to support the hefty 1-megabyte memory requirements for 1-2-3 release 3.0." In contrast, Quattro Pro fits in 512 kilobytes of memory.

☐ WE'RE NOT INTERESTED IN LOTUS VERSION 3.0. IT EATS MEMORY.

At independent software vendor Organized Information Corp. (OIC) of Los Angeles, Quattro Pro's ability to fit in that 512KB memory space made it a perfect fit for the firm's PCs. The lower memory demands, coupled with Lotus macro compatibility, are significant advantages, the company believes. "The biggest advantage of Quattro Pro over Lotus 1-2-3 [release 3.0] is a faster-executing product with more functionality on a standard PC XT that needs only 512K of memory," says OIC president David Kramer.

Anaheim, Calif.-based Kwikset Corp., a Black & Decker Corp. subsidiary that makes residential locks, has divided its spreadsheet use between Lotus 1-2-3 release 2.01 and Quattro 1.0. But, in the future, Kwikset plans to wean as many of its PC users as possible from Lotus 1-2-3 to avoid the memory upgrades that a migration to Lotus 1-2-3 release 3.0 would require. "We're just not interested in Lotus version 3.0. It eats memory, and the need for add-ins persists," says Rick Hawkins, computer services coordinator at Kwikset.

Unwilling To Upgrade

And the functional similarities between Lotus and Quattro will only serve to make the switch easier. "If you sit a guy down with Quattro and tell him it's Lotus, he can go on working with little or no retraining," says Hawkins.

So, the more things change, the more companies will make their spreadsheet purchases stay the same. Perhaps that's not too difficult to understand. Users want consistency as well as selection. ▭

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INTERNATIONAL USER GROUP DIRECTORY

BY KURT ROTHSCHILD

What better way exists to investigate a product, service or vendor than to share the experiences of your peers? None, we think. That's the purpose behind our annual International Users Group Directory, which makes its third appearance with this issue. This year's directory holds 180 user group entries—up from 112 entries last year and 43 entries the previous year. Headquarters for the groups in our 1990 directory span 11 countries on five continents.

Other than the 62% increase in the number of groups listed in this year's directory, the biggest change in our listing this time around is the order in which user groups are arranged. They are listed alphabetically by user group, rather than by vendor, for two reasons. One, the largest number of groups dealing with a particular technology—personal computers—are not themselves organized by vendor. Two, many groups that originally formed around one vendor's products are expanding their constituencies—evidence of their emerging multivendor consciousness.

To make finding your user group—or one that you may be interested in contacting—as easy as possible, we are including two new guides with this year's directory. The first is a cross-reference index organized by vendor name, which can be found on page 104. The second is a technology code, indicating the chief IS orientation of each group. The code, which uses symbols displayed below, appears next to the name of each user group.

Compiled by Susan Mael and Ann Mariano

SOFTWARE

SERVICES

PC'S/ WORKSTATIONS

MIDRANGE SYSTEMS

CORPORATE SYSTEMS

NETWORKS/ COMMUNICATIONS

1990 INTERNATIONAL USER GROUP DIRECTORY

A

ACI User Group
330 South 108th Avenue, Omaha, NE 68154 (402)-390-7606

Annual Fee	Individual/Corporate Membership	Host	Systems/Products	Top Officer	Next Meeting	Services Provided	Contact
None	None/ 260	Applied-Communications	Entire EFT product line	Eric Bleicher, M & I Data Services Milwaukee, Wis.	Sept. 1990, Atlanta	Quarterly newsletter; periodic committee meetings	Eric Bleicher, (414)-357-2567

The Advisory Group (TAG)
P.O. Box 2804, North Canton, OH 44720 (216)-497-5018

$230	275/ None	Diebold	Diebold ATMs	Carol Maness, Central Fidelity Bank Lynchburg, Va.	Sept. 16-19, 1990, New Orleans	One national meeting per year; regional meetings; newsletter	Carol Maness, president (804)-847-9177

Aerospace/Defense User Group
20 University Road, Cambridge, MA 02138 (617)-661-1444

None	1,000/ NA	Project Software & Development; Relational Technology	Project management software consisting of PROJECT/2 and QWIKNET Professional, running on IBM MVS, DEC VMS, PC DOS, and APECS-8000 utilizing DOS	Linda DeMeyer, Aerojet Space Boosters Orangevale, Calif.	Fall 1990	One annual meeting	Chet Talley, coordinator (301)-231-8660

AICorp User Group
100 Fifth Avenue, Waltham, MA 02254 (617)-890-8400

None	2,000/ 750	AICorp.	AI products and services that run on IBM mainframe series 370, 43XX, 30XX or compatibles under the MVS/XA, VM and MVS operating systems	Bob Goldman, AICorp., Waltham, Mass.	Oct. 28-Nov. 1, 1990, Washington, D.C.	One annual meeting; periodic regional meetings and newsletters	Bob Goldman AICorp.

Altai Software User Group
624 Six Flags Drive, Arlington, TX 76011 (817)-640-8911

None	400/ NA	Altai Software	Altai IBM mainframe systems software	Danny McAlpin, Weyerhaeuser, Columbus, Miss.	April 1990, Orlando, Fla.	Two meetings a year; education and training in new products	Bill Cramer, coordinator (817)-640-8911

Amdahl Users Group (AUG)
1250 East Arques Avenue, Sunnyvale, CA 94088 (408)-992-2952

None	600/ 400	Amdahl	All Amdahl products	George Fricke, USWest	April 22-25, 1990, Dallas	One national meeting per year	Chris Wagner (408)-992-2952

American Software Users Group (ASUG)
Suite 600, 111 East Wacker Drive, Chicago, IL 60601 (312)-644-6610, ext. 3746

$250	None/ 290	American Software	All ASI products	Martin B. Turpin, A.H. Robins, Richmond, Va.	March 18-21, 1990, Atlanta	Two conferences a year	Kimberly Svevo, administrator (312)-644-6610, ext. 3746

Amstrad User Club
Enterprise House, P.O. Box 10, Roper Street, Pallion Industrial Estate, Sunderland SR4 6SN U.K. (44)-91-510-878

£25 £40*	30,000/ NA	Amstrad PLC	Amstrad's range of home computers, personal computers, word processors, portable computers, modems and other peripherals	Eric Innes, Lazahold, Sunderland	NA	Three catalogs a year and three news magazines monthly	Amstrad User Club (44)-91-510-8787

Analyzer International Users Group Inc. (AIUGI)
c/o Decision Technology, 4390 US Route 1, Princeton, NJ 08540 (313)-588-7910

None	55/ 0	Decision Technology	Decision Analyzer software product	Jim Wagner, First Federal of Michigan	May 7, 1990	Provides a library of Analyzer routines; conducts an annual product poll; provides information on how to better use the product; annual User and Education Conference	Jim Wagner (313)-588-7910

Apple Computer Clubs (exist in schools throughout the country for grades K through 12)
20525 Mariani Avenue, M/S 36AA, Cupertino, CA 95014 (800)-538-9696

$10.95 per	3,200 clubs/ NA	Apple Computer	Macintosh and Apple II	Craig Elliott, manager, Apple, Cupertino, Calif.	NA	Six newsletters a year; handbook and activity books	Apple (800)-538-9696

The Apple User Group Connection (an umbrella organization comprising 1,300 separate user groups throughout the United States)
20525 Mariani Ave., M/S 36AA, Cupertino, CA 95014 (800)-538-9696

None	500,000/ 125	Apple Computer	Macintosh and Apple II	Craig Elliott, manager, Apple	NA	Monthly newsletter	Apple, (800)-538-9696

* L25 for home users; L40 for professional users.

1990 INTERNATIONAL USER GROUP DIRECTORY

Annual Fee	Individual/Corporate Membership	Vendor	Systems/Products	Top Officer	Next Meeting	Services Provided	Contact
Artemis Users Association (AUA) 2900 North Loop, West, Houston, TX 77092 (713)-956-7511							
None	All Metier licensees	Metier Management Systems	All Artemis products	Ian Koenig, System One, Houston	November 1990, Houston	One national meeting a year; quarterly newsletters	Kristy Wetzel, secretary (407)-268-8400
Ashton-Tate (an umbrella group for 700 regional groups) 20101 Hamilton Avenue, Torrance, CA 90502 (213)-538-7455							
Varies	NA/ NA	Ashton-Tate	All Ashton-Tate software packages	None	NA	Quarterly newsletter sent to PC and Macintosh user groups	Marcie Glickman, user group liaison (213)-538-7455
ASSIST (A Shared Solution in Software Technology) 111 East Wacker Drive, Suite 600, Chicago, IL 60601 (312)-644-6610							
$250	500/ 250	Andersen Consulting	Andersen Consulting's software	Chip Lombardo, The Trane Co., Tyler, Texas	May 6-10, 1990, Orlando, Fla.	Two conferences annually; quarterly newsletter	Mary Denten, administrator (312)-644-6610
Associacao Nacional dos Usuarios Unisys (ANUNI) Rua Teixeira de Freitas 31 - Sala 1104, 20021 Rio de Janeiro, RJ Brazil (55)-21-221-9480							
NA	NA/ 200	Unisys Electronica	Unisys mainframes	Roberto Macedo, president	May 1990	Two meetings per year; quarterly publication	Georg Herz, external relations (55)-21-217-1133
Association of Banyan Users International (ABUI) 75 Union Avenue, Sudbury, MA 01776 (508)-443-3330							
150/*	700/ NA	Banyan Systems, Inc.	VINES	Todd Sebastian, Metropolitan Life, New York City	April 29-May 2, 1990, Washington, D.C.	Two annual meetings; quarterly newsletter magazine six times a year; on-line bulletin board	Annette Bahro (508)-443-3330
Association of Canadian Users 7100 Woodbine Avenue, Markham, Ontario L3R 5J2 Canada (416)-477-9680							
None	All/ All	McCormack & Dodge Systems Canada	Financial, human resources and tools software	NA	June 17-20,1990, San Francisco	One user conference; quarterly magazine	Doug Hobbs, liaison (416)-477-9680
ATLAS (AMS Tradeline Annual Seminar) 2 Rector Street, New York, N.Y. 10006 (212)-618-0479							
None	50/ NA	American Management Systems	AMS Tradeline banking software for international letter of credit and collection processing.	James Atwood, Wells Fargo Bank	Sept. 1990, Arlington, Va.	One international meeting per year	Elizabeth Seltenher coordinator (212)-618-0479
Australasian SHARE/GUIDE Ltd. P.O. Box 62, Turramurra, New South Wales 2074, Australia (61)-2-449-6848							
$A865 first year; $A665 thereafter	None/ 240	IBM	IBM System/370 machine architecture, including the IBM AS/400 products; MVS, VM, VSE operating systems; and associated products and services	Ted White, Databank Systems Ltd., Wellington, New Zealand	Feb. 25-28, 1990, Sydney	Two regional meetings per year (within Australia and New Zealand); periodic research publications; support of associated user groups within the Western Pacific.	Ella Leithner (61)-2-449-6848
Banking Automation Research Program (PRAB2) V. le Eginardo 29, 20149 Milan, Italy (39)-2-49931							
L1,600	None/ 15	Data Management	Data Management software related to banking automation	A. Petruzellis, Data Management, Milan	NA	One or two conferences per year	A. Petruzellis (39)-2-49931
BiblioTech Users Group P.O. Box 277, Harvard, MA 01451 (508)-772-2001							
None	NA/ All Biblio-Tech licensees	Comstow Information Services	BiblioTech Library Software Systems	None	June 1990, Pittsburgh	One national meeting per year; quarterly bulletin	Lynda Moulton, coordinator (508)-772-2001

A
B

* $150 for corporate members; $100, non-profit.

1990 INTERNATIONAL USER GROUP DIRECTORY

Big Apple Users Group (BAUG)
P.O. Box 1822, Old Chelsea Station, New York, NY 10113 (212)-316-1830

$30	250/ None	Apple hardware and multiple software vendors	Macintosh and Apple II	John McKeller, Jefferson Valley, N.Y.	Jan. 1990, New York City	Monthly meetings; special interest groups with monthly meetings; monthly newsletters	Donald Cohen (212)-222-2777

BMC User Group
P.O. Box 2043, Sugar Land, TX 77487 (713)-240-8800

NA	136/ NA	BMC Software	IBM mainframes	NA	NA	NA	Linda Kosciuski (713)-240-8800

Boole & Babbage User Group (BBUG)
510 Oakmead Parkway, Sunnyvale, CA 94086 (408)-735-9550

None	NA/ 3,000	Boole & Babbage	All Boole & Babbage products supporting MVS, IMS, DB2, CICS, DASD and network management.	Bert Cooney, NY Elec. & Gas Corp., Ithaca, N.Y.	Oct. 1990	Annual meeting	Carol Kaplen, coordinator (408)-736-9550

The Boston Computer Society (BCS) (The society consists of 40 user and special interest groups)
1 Center Plaza, Boston, MA 02108 (617)-367-8080

$40	31,000/ 52	Multiple	Multiple	J. Rosenberg	Jan. 1990	Monthly meetings; newsletters and a magazine	BCS (617)-367-8080

Bull Systems Users Association Europe
5 Square Henri Delormel, 75014 Paris, France (33)-1-45-40-90-14

FF4,000	None/ 300	Groupe Bull	GCOS 6, 7 and 8	C.J. Rens-R, RATP, Paris	Nov. 1990 Vienna	Two annual meetings; bimonthly newsletter	F. Daigne (33)-1-45 -40-90-14

CADRE
Route 206 & Orchard Road CN-8, Princeton, NJ 08543 (201)-874-9000

None	NA/ NA	Computer Associates International	Information Management software	Wendy Stenoff, ADP	Sept. 9-13, 1990, Washington, D.C.	One national meeting per year	Allen Hagger (201)-874-9377

CA Masterpiece Users Group
P.O. Box 637, Indian Rocks Beach, FL 34635 (813)-596-1914

None	NA/ 1,500	Computer Associates International	Financial products that run on IBM, DEC and Unisys equipment	David Tiley, Nova Corp. of Alberta	March 11-14, 1990, New Orleans	Two annual conferences; advisory committees for product enhancement input to vendor	Sheri Shuey, treasurer (813)-287-9241

CDRS User Group
6111 North River Road, Rosemont, IL 60018 (312)-698-3000

None	None/ 1,258	Comdisco Disaster Recovery Services	All	Raymond Hipp, Comdisco	Feb. 28-March 2, 1990 San Francisco	One national meeting per year; quarterly newsletters	Carol Madaras (312)-698-3000

CHAMPS User Group
Meudon Avenue, Farnborough, Hampshire GU14 7NB U.K. (44)-2-52-544321

None	NA/ 200	Thorn EMI	CHAMPS Hotel System	John Davey, Mount Charlotte Hotels	Jan. 1990	Meetings/demonstrations	Anne Kennedy (44)-2-52-544321

Club Des Utilisateurs Bull Europeens (CUBE)
43, rue de la Chaussee d'Antin 75009 Paris, France (33)-1-48-74-94-17

FF1,500 -4,200	1,200 societies/ NA	Bull S.A.	GCOS 8, CGOS 7, CGOS 6, CGOS 4, UNIX, CTOS, MS/DOS, Multics; DPS 9000, DPS 8000, DPS 8, DPS 7000, DPS 6, DPS 4, DPX, Questar 400, PC (MICRA) Mathilde, (NIP)	Roland de Conihout, Groupe Henner Methodes et Informatique Paris	May 29-June 1, 1990, Strasbourg, France	150 to 200 meetings each year	M. Jean Rota, vice chairman (33)-1-48-74-94 -17

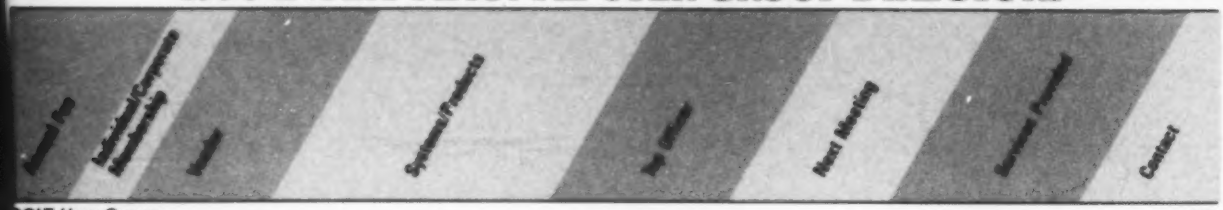
Cognos International Users' Group (an umbrella organization for local and regional Cognos users groups worldwide)
3755 Riverside Drive, Ottawa, Ontario K1G 3Z4 Canada (613)-738-1440

None	NA/ None	Cognos	All systems software products produced by Cognos.	NA	NA	Various local and regional meetings; quarterly newsletter	Anne Betz, coordinator (613)-783-6849

College and University Systems Group Users
1777 North Kent Street, Arlington, VA 22209 (703)-841-6000

None	86 sites/ 0	American Management Systems	All college and university financial products.	Bonnie Gonzales, Arizona State Univ.	June 3-7, 1990, Orlando, Fla.	One annual meeting per year; three steering committee meetings throughout year; quarterly newsletter	Dorothy Cotman, coordinator (703)-841-6000

1990 INTERNATIONAL USER GROUP DIRECTORY



COLT User Group
New City Court, 20 Thomas Street, London SE1 9RF U.K. (44)-1-407-2717

[illegible]	NA/ 8	Software Sciences	COLT	Bernard Harvey, Software Sciences Finance Systems	NA	Quarterly meetings	Bernard Harvey

Commodore (an umbrella group comprising 600 regional groups)
1200 Wilson Drive, West Chester, PA 19380 (215)-431-9100

[illegible]	NA/ 0	Commodore Business Machines	All Commodore products	None	NA	Regional meetings	Richard Dowdall, coordinator (215)-431-9100

COMMON - A Users Group
111 East Wacker Drive, Suite 600, Chicago, IL 60601 (312)-644-6610

[illegible]	Over 4,800/ 0	IBM	AS/400; System/38, 36, 34, 88; 43XX; 9370 and other 370 architecture systems; 5520; Series 1; and Personal Computer.	Robert A. Sutherland, Robert Sutherland Inc.	April 29-May 3, 1990, Chicago	Semiannual conferences; quarterly newsletter and other publications	COMMON headquarters, (312)-644-6610

Computer Associates Visual Information Association (CA-VIA)
1 State Farm Plaza, E-8, Bloomington, IL 61710 (309)-766-2432

[illegible]	7,000/ 0	Computer Associates International	Computer graphics products sold by CAI	Ron Blue, Bloomington, Ill.	June 4-5, 1990, St. Louis	One annual conference; quarterly newsletter; provides support to nine regional groups	Barbara Love, secretary (703)-482-6570

Comshare Users Group
3001 South State Street, Ann Arbor, MI 48108 (313)-994-4800

[illegible]	NA/ NA	Comshare	Comshare products	Jay Haney, The Citizens and Southern Corp., Atlanta	Oct. 3-5, 1990, Anaheim, Calif.	One national meeting per year; Eastern and Western regional meetings; quarterly newsletter.	Julie Tite, conference director (313)-994-4800 ext. 442

Comten Users' Exchange (CUE)
c/o Ron Block, Donovan Data Systems, 115 West 18 Street, New York, NY 10011 (212)-633-5080

[illegible]	200/ 0	NCR Comten	Comten front-end processors	Ron Block, Donovan Data Systems, New York City	April 9-13 1990, Ft. Lauderdale, Fla.	Semiannual meetings	Ron Block (212)-633-5080

CONTROL User Group (CUG)
P.O. Box 302, Troy, MI 48007 (313)-641-4644

[illegible]	NA 50	Cincom Systems	CONTROL: Manufacturing software in both the IBM and DEC environments.	John Forrest, Vickers Inc., Troy, Mich.	To be announced	Periodic newsletters	John Forrest (313)-641-4644

Convergent Technologies User Forum (CTUF)
2700 North First Street, P.O. Box 6685, San Jose, CA 95150 (408)-435-3690

[illegible]	NA 83	Unisys/Convergent Technologies	All Convergent Technologies systems	Daniel Leary, Automated Programming Technologies, Birmingham, Mich.	Feb 12-15, 1990, Dallas	Two meetings per year; newsletter	Irene Powers (408)-434-2653

Cooperative Users of Recognition Equipment (CURE)
2701 E. Grauwyler Road Irving, TX 75061 (214)-579-6000

None	None/ 5,620	Recognition Equipment	All REI data capture and image systems	Stewart Kirchner, Data Entry Services Corp., Dearborn, Mich.	NA	One national meeting per year	Carol de la Corte, coordinator (214)-579-5840

CORUS - Cortex Users' Society
138 Technology Drive, Waltham, MA 02154 (617)-894-7000

None	820/ None	Cortex	CorVision software	Bill Ours, Digital Software Group, Simpsonville, S.C.	October 1990, Boston	One meeting per year; four council meetings a year; quarterly newsletter; promotes activities of local chapter meetings	Howard Exton-Smith, liaison (617)-894-7000

Cray User Group (CUG)
c/o Gunter Georgi, Grumman Corp. DO9-GHQ Bethpage, NY 11714 (516)-575-2855

[illegible]	None/ 140	Cray Research	All Cray products and interfaces to other vendors' equipment.	Steve Neve, Boeing Computer Services, Seattle	April 9-13, 1990, Toronto	Two meetings per year; two newsletters a year.	Gunter Georgi, secretary (516)-575-2855

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1990 INTERNATIONAL USER GROUP DIRECTORY

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Annual Fee	Individual/Corporate Membership	Vendor	Systems/Products	Top Officer	Next Meeting	Services Provided	Contact
Credit Management Systems 1777 North Kent Street, Arlington, VA 22209 (703)-841-6404							
None	1,300/350	American Management Systems	Software and services to support full credit cycle management from origination through loan servicing to collections.	Barb Goodin, Bank of Nova Scotia	May 5-8, 1991; Hilton Head, S.C.	One user conference every 18 months; newsletter	Betsy Sullivan, coordinator (703)-841-6404
CUBE Inc. P.O. Box 33053, Detroit, MI 48232 (313)-972-8698							
None	3,700/1,500	Unisys	All Unisys products	Gene Roman, Systems Design Corp., Chicago	April 17-20, 1990, Dallas	Two national meetings per year; newsletter	CUBE office (313)-972-8698
CUE North America 312 Captain's Walk, Box 13, New London, CT 06320 (203)-443-2883							
$400	None/427	Cadam	All Cadam software	Rosemary Russo, McDonald's Corp., Oakbrook, Ill.	March 12-15, 1990, Denver	Two national meetings per year.	CUE North America (203)-443-2883
Cyborg Users Association 3111 North Des Plaines Street, Suite 608, Chicago, IL 60606 (312)-454-0984							
$100 per company	933/311	Cyborg Systems	All Cyborg Systems software	Bob Sarlous, Florida Power	April 1990 San Antonio	Two conferences a year; annual skills manual of members	Peter Struthers (312)-454-0984
Datacom/Ideal Midwest Regional Users Group c/o Jim Newman, American National Bank & Trust Co. of Chicago 33 North Lasalle Street, Chicago, IL 60690 (312)-661-6854							
None	None/75	Computer Associates International		Jim Newman, American National Bank & Trust Co. of Chicago	1st Wednesday of Feb., May, Aug., Nov.	Annual conference; new product presentations; workshops; user experience case studies; corporate profiles; software exchange	Jim Newman, chairman (312)-661-6854
Datapac User Group (DUG) P.O. Box 1049, Station B, Ottawa, Ontario K1P 5R1 Canada; outside Canada (613)-781-0240, inside Canada (800)-267-6674							
$50	350/10	Telecom Canada	Datapac products	David Burnett, Netway Communications, Toronto	Nov. 1990, Toronto	Three conferences a year; newsletter	Michelle Roy, coordinator (613)-727-0300
Digital Equipment Computer Users Society (DECUS) 219 Boston Post Road, BP02 Marlborough, MA 01752 (508)-480-3635							
None	U.S.: 50,000 World: 120,000/None	Digital Equipment	All Digital products	Bill Brindley, HDQ, Naval Security Group Command,- Washington, D.C. President, DECUS U.S. Chapter)	May 6-11, 1990, New Orleans	Two national symposia per year; 20 special interest groups; 160 local users groups; monthly technical newsletter; electronic conferencing; seminars	Mary Osorio, coordinator (508)-480-3259
DMS/OS User Group 11050 White Rock Road, Rancho Cordova, CA 95670 (916)-636-1304							
None	NA 300	Sterling Software	Storage management products	Robin Macfarland, Mutual Benefit Life, Newark, N.J.	April 29-May 2, 1990 Anaheim, Calif.	One meeting per year	Kim Hughes, coordinator (916)-636-1304
DocuGroup 5910 North Central Expressway, Suite 800, Dallas, TX 75026 (214)-891-6500							
None	225/80	Image Sciences	All Image Sciences products	Muriel Hogan, Image Sciences	Sept. 1990, Dallas	One national meeting a year	Muriel Hogan, coordinator (214)-891-6500
Dylogue 9340 Owensmouth Avenue, P.O. Box 2210, Chatsworth, CA 91313 (818)-718-8877							
None	200-300/NA	Sterling Software, Dylakor Div.	All Dylakor products	None	April 29-May 2, 1990 Anaheim, Calif.	One meeting per year	Debbie McCain (818)-718-8877

1990 INTERNATIONAL USER GROUP DIRECTORY

Annual Fee	Individual/Corporate Membership	Vendor	Systems/Products	Top Officer	Next Meeting	Services Provided	Contact
EDGE International 19011 West Valley Highway, Suite A 105C, Kent, WA 98032 (206)-251-6010							
$300	275/225	Multiple	Xerox systems and Xerox-compatible systems.	Karen Alligier, Boeing Military Airplane Div., Wichita, Kan.	May 1990, Cherry Hill, N.J.	Two national meetings per year; periodic newsletters and other publications.	EDGE headquarters (206)-251-6010
EDV-Anwenderkreis e.V. (EAK) P.O. Box 31, 6992 Weikersheim, West Germany (49)-7934-8911							
180 DM	327/323	Nixdorf Computer	Nixdorf systems 8810, 8840,8860, and 8870 Quatro, 8890; standard software Nixdorf COMET TOP; Nixdorf vertical market software	Ruediger Brand	To be announced	Consulting	EAK (49)-7934-8911
Encore Users Group 6901 West Sunrise Boulevard, Ft. Lauderdale, FL 33310 (305)-797-5423							
None	1,951/None	Encore Computer	All Encore products	Ron Kirkpatrick, GE Government Services, Melbourne, Fla.	May 1990, Amsterdam, the Netherlands	Two meetings per year; periodic newsletters	Arlene Kehrer, coordinator (305)-797-5423
European Control Data Users (ECODU) Barer Strasse 21, D-8000, Munich 2, West Germany, (49)-89-2105-7408							
200 Str	NA/151	Control Data	Large mainframes for scientific, technical and database applications; sophisticated operating systems and networks; high-performance workstations	Dietz Schubring, Leiniz Rechenzentrum, Munich, West Germany	May 14-18, 1990, Amsterdam, the Netherlands	Two national meetings per year; bimonthly newsletter	Eric Luiif, secretary (31)-70-264-221 ext. 588
European UNIX Systems Users Group (EUUG) (an umbrella organization for 14 national European UNIX Systems Users Groups) Owles Hall, Buntingford, Hertford, SG9 9PL, U.K. (44)-763-73039							
*	3,500/0	AT&T UNIX Europe	All UNIX products	Teus Hagen, OCE, the Netherlands	April 23-27, 1990, Munich West Germany	Two international conferences per year; periodic workshops and tutorials; quarterly newsletters	Mrs. H. Gibbons, business manager (44)-763-73039
FACOM Family Kai 6-1 Marunouchi 1-chome, Tokyo 100, Japan (81)-3-216-3211							
24,000 Yen	None/4,180	Fujitsu	All Fujitsu computers	Hideo Watanabe, Mitsubishi Kasei Corp.	May 1990, Tokyo	One national meeting per year; periodic newsletters and other publications	FACOM Family Kai (81)-3-216-3211
Federation of NCR User Groups (FNUG) (with 35 member user groups) 5008 Pine Creek Drive, Westerville, OH 43081 (614)-895-1280							
$100 per group	NA/4,000	NCR	All NCR products	Robert E. Richter, Baker Mfg. Co., Evansville, Wis.	April 29-May 2 Reno	One user conference and one technical seminar annually; quarterly newsletter	Beverly Kerins, administrator (614)-895-1280
Federation of RAMIS Users and Managers International Inc. (FORUM International Inc.) 401 Dogwood Circle, Norcross, GA 30071 (404)-586-8664							
None	1,400/0	On-Line Software International	RAMIS Information Systems and RAMIS/PC Workstations	Robert C. Forhetz Monsanto Co., St. Louis	Oct. 1990; Nashville	One meeting per year	Craig Marsteller, secretary (404)-586-8664
Fieldwatch Users' Group (FUG) c/o Siemens Medical Systems Inc., 186 Wood Ave. South, Iselin, NJ 08830 (201)-321-4913							
None	350+/0	The Data Group	Fieldwatch software modules and add-ons for IBM, VAX, HP mainframes.	Ron Sworen, Siemens Medical Systems, Iselin, N.J.	April 1990	Two meetings per year provide forum for testing "what-if" scenarios with other field service professionals.	Ron Sworen (201)-321-4913
Financial Management Special Interest Group (FINSIG) 1400 53rd Street, Emeryville, CA 94608 (415)-420-4780							
None	NA/50	Cincom Systems	CONTROL: Manufacturing software in both the IBM and DEC environments	Susan Swank, Cetus Corp. Emeryville, Calif.	To be announced	Periodic meetings and newsletters	Susan Swank, (415)-420-4780

* Non-European users only. L40, individuals, L100, corporate

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1990 INTERNATIONAL USER GROUP DIRECTORY

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Annual Fee	Individual/Corporate Membership	Vendor	Systems/Products	Top Officer	Next Meeting	Services Provided	Contact
Fox Valley Technical College PC User Group P O Box 2277 - Mail Room 318, Appleton, WI 54913 (414)-735-2470							
$15	145/0	Multiple	All types of PCs	Steve Erbach	Jan. 18, 1990 (Group meets every third Thursday of the month except December)	11 meetings a year; monthly newsletter	Judith Brown, secretary (414)-735-2470; or Cindy Kane, group member (414)-735-2414
Fujitsu Large Systems Users Group (LS-ken) 17-25 Shin-Kamata, 1-chome Ota-ku, Tokyo 144 Japan (81)-3-735-1111							
30,000 Yen	None/266	Fujitsu	Fujitsu systems larger than M-360 or M-760/8	Padao Ito, Toray Systems Center Inc.	June 13-14, 1990, Tokyo	One national meeting per year; quarterly newsletter	Morito Yamamoto, LS-ken promotion officer (81)-3-735-1111
Fujitsu Scientific Systems Users Association (SS-ken) 17-25 Shin-Kamata, 1-chome Ota-ku, Tokyo 144 Japan (81)-3-735-1111							
20,000 Yen	2/59	Fujitsu	Large-scale FACOM computers	Makoto Nagao, Kyoto University	May 1990, Tokyo	Meetings held on specific subjects; periodic newsletters	Morito Yamamoto, LS-ken promotion officer (81)-3-735-1111
Fuse Inc. - The Focus Users Group (FUSE) 450 Seventh Avenue, Suite 509, New York, NY 10123 (212)-967-6521							
None	6,000/0	Information Builders Inc.	FOCUS products	Larry Braun, 3M, St. Paul	June 3-8, 1990, Boston	One annual meeting; quarterly newsletters;	FUSE office (212)-967-6521
Global Software User Group Inc. P O Box 51248, Raleigh, NC 27615 (800)-334-7192							
None	NA/2,000	Global Software	All financial software packages sold by Global	Vicki Walkup, Mead Corp., Dayton, Ohio	Aug. 26-29, 1990, San Diego	One annual meeting; quarterly newsletter	John Alis, liaison (800)-334-7192
Government Systems Users Group (GSUS) 1777 North Kent Street, Arlington, VA 22209 (703)-841-6000							
None	163 sites/0	American Management Systems	State and local government and district financial products.	John E. Cronise, Multnomah County, Ore.	Sept. 9-12, 1990, Baltimore, Md.	One national meeting per year; quarterly newsletter; various regional meetings throughout year.	Dorothy Cotman, coordinator (703)-841-6000
GroupFacts Advisory Board 1700 Broadway, New York, NY 10019 (212)-765-8500							
None	NA/30	Ensco	GroupFacts on-line group life and health administration system	Joseph Fields, Rural Security Life Insurance Co., Madison, Wis.	March 1990, New York City	One annual conference	Marcie Cohen, liaison (212)-765-8500
GrowthPower User Group 1 Burlington Woods Burlington, MA 01803 (617)-229-2200							
0	NA/422	Computer Solutions	GrowthPower software and HP hardware	NA	Nov. 12-14, 1990, Orlando, Fla.	NA	Kathy Quigley, coordinator (617)-229-2200
GUIDE International Corp. (guidance for users of Integrated Data-Processing Equipment Inc., GUIDE) 111 East Wacker Drive, Chicago, IL 60601 (312)-644-6610							
$500	None/2,850	IBM	3090, 3080, 9370, AS/400 series	Gary S. Gesme, Deere & Co., Moline, Ill.	March 11-16, 1990, San Francisco	Three national meetings per year; biannual executive symposia; newsletters and other project publications	John Sherman, account executive (312)-644-6610
GUIDE Switzerland c/o Schindler Informatik AG, CH-6030 Ebikon, Switzerland (41)-41-33-28-27							
SFr 600	NA/2,200	IBM	All IBM System/370 architecture and top end AS/400 products	Pierre Delesalle, Gemeentekrediet van Belgie, Brussels, Belgium	May 29-June 1, 1990	Two international conferences per year; newsletters; technical bulletins	Schindler Informatik (41)-41-33-28-27
Heath/Zenith Users Group (HUG)(an umbrella organization with more than 100 local user groups under it) P O Box 217, Benton Harbor, MI 49022 (616)-982-3463							
$22.95 first year	17,000/None	Zenith Electronics	Heath and Zenith computers	Margaret Becon, Heath	HUG has no meetings, but local user groups do.	Monthly magazine	HUG office (616)-982-3463

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Annual Fee	Individual/Corporate Membership	Vendor	Systems/Products	Top Officer	Next Meeting	Services Provided	Contact
HITAC Users' Association Hitachi Omori Annex #2, 27-18, Minami-Oi 6-chome, Shinagawa-ku, Tokyo 140, Japan (81)-3-763-2411 (ext. 3201-3205)							
24,000 Yen	NA/ 1,780	Hitachi	All Hitachi computer systems	Kenzo Sakai, Shoko Chukin Bank	June 1990, Tokyo	One national meeting annually; magazine and research papers	Kazuya Hanazuka, public relations Hitachi (81)-3-763-2411
HLSUA-U.S. 4000 Town Center, 8th Floor, Southfield, MI 48075 (313)-351-4677							
$325	None/ 450	Bull NV	All Bull products (predominantly medium and large systems)	William C. McCusker, Citrus Community College, Glendora, Calif.	March 25-28, 1990 Cincinnati	Two national meetings per year; semiannual newsletter	HLSUA-U.S. (313)-351-4677
HUG (Hogan User Group) International Inc. 5008 Pine Creek Drive, Westerville, OH 43081 (614)-895-1362							
$400	None/ 110	Hogan Systems	Hogan systems software and IBM financial application software	John Meyer, Society National Bank, Cleveland	April 23-26, 1990 San Diego	One annual meeting; quarterly journal	Jim Bannister, exec. director (614)-895-1362
ICL Computer Users Association (ICLCUA) (an umbrella organization for 40 separate user groups) P.O. Box 42, Bracknell, Berkshire RG12 2LQ U.K. (44)-3-44-482933							
0	4,000/ same	ICL	All ICL products from Series 39 to DRS distributed systems	Ken Wingfield Doncaster MBC Doncaster, U.K.	May 30-June 1, 1990, Birmingham, U.K.	One major association conference per year; meetings four times per year of each member user group; periodic management and technical seminars, conferences and exhibitions; quarterly magazine	C.H. Devonald secretary (44)-3-44-482933
IDMS User Association (IUA) 111 East Wacker Drive, Suite 600, Chicago, IL 60601 (312)-644-6610							
None	NA/ 1,800	Computer Associates	IDMS-related products	Richard Lenz, Wisconsin Gas Co., Milwaukee	March 18-22, 1990, Seattle	One annual meeting; quarterly newsletter; user-contributed library.	Ann VerMeulen, administrator (312)-644-6610
ImpleFacts Advisory Board 1700 Broadway New York, NY 10019 (212)-765-8500							
None	NA/ 74	Enisco	ImpleFacts defined contribution record-keeping system	Gary Grammer, Mercantile Bank NA, St. Louis	March 1990, New York City	One annual conference	Marcie Cohen, liaison (212)-765-8500
Information Dimensions Exchange Association (IDEA) 655 Metro Place South, Dublin, OH 43017 (614)-761-8083							
$25	450/ 0	Information Dimensions	BASIS, BASIS/IMAGES, TECHLIB/ STACS, DM	Bob Brayton, Rockwell International, Seal Beach, Calif.	March 1990, Columbus, Ohio	User information exchange service; meetings twice a year	Jane Snider, IDEA secretary (614)-761-8083
Integrated Hospital System Users Group (IHSUG) 600 McDonnell Boulevard, Hazelwood, MO 63042 (314)-233-9330							
$100	None/ 36	American Express Information Services, Health Systems Group	Integrated financial and clinical systems	Ed Merkle, Elmbrook Memorial Hospital, Brookfield, Wis.	March 12-14, 1990, New Orleans	Two national meetings per year; bimonthly newsletter	Ed Merkle, president (414)-785-2000
IntelliCorp Users Group (IC UG) 1975 El Camino Real West, Mountain View, CA 94040 (415)-965-5500							
None	250/ 0~	IntelliCorp	All IntelliCorp software products	Thomas B. Helfaker, IntelliCorp Mountain View, Calif.	Feb. 28-March 2, 1990, Burlingame Calif.	One annual national meeting and various regional meetings	Ed Hoffman, IntelliCorp (415)-965-5665
Interact (an umbrella organization for 9 regional and industry-specific groups in the U.S., as well as several foreign groups) 3445 Peachtree Road N.E., Atlanta, GA 30326 (404)-239-2506							
None	NA/ 7,500	Management Science America	All MSA software	Rick Lippincott Geisinger System Services, Danville, Pa.	April 22-26, 1990, Atlanta	Several international meetings, one national meeting; 9 regional or industry-specific meetings a year; quarterly publications	Kerry Coxworth, manager (404)-239-2506

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Annual Fee	Individual/Corporate Membership	Vendor	Systems/Products	Top Officer	Next Meeting	Services Provided	Contact
Interchange Inc. 106 Apple Street, Tinton Falls, NJ 07724 (201)-758-7575							
$50 single; $150 group	1,600/ None	Concurrent Computer	Interdata, Perkin-Elmer, Masscomp and Concurrent systems	Pete Massiello, Perkin-Elmer Corp., Norwalk, Conn.	Oct. 1990, St. Louis	One national meeting per year; quarterly newsletter; three software catalog libraries; electronic bulletin board	Patricia Brown, administrator (201)-758-7575
Interex Inc. - The International Association of HP Computer Users P.O. Box 3439, 585 Maude Court, Sunnyvale, CA 94088 (408)-738-4848							
$80 Indiv.; $400 Corp.	9,000/ 5,600	Hewlett-Packard	All HP computer products	Robert Grenoble, president, Interex	April 12-14, 1990, Las Vegas	Two major domestic conferences and one European conference a year; two monthly magazines and one monthly newsletter; quarterly newsletter	Maria Afanasiev, supervisor (408)-738-4848
Internally Switched Interface System (ISIS) for International Tymnet Users 2560 North First Street, San Jose, CA 95161 (408)-922-7534							
None	50	McDonnell Douglas Network Systems	Private network systems and managed data network services	Bob Barbour, McDonnell Douglas	May 1990	Two international and one domestic meetings per year	Bob Barbour (408)-922-7534
International Databus Users Group (IDUG) 13663 Jupiter Road, Suite 404 Dallas, TX 75238 (214)-340-6800							
$35 for newsletter	200/ None	Multiple	Databus	Mike Shaffer Savant Technologies Inc. Dallas	Feb. 1990, Dallas	Yearly meeting, newsletter, electronic bulletin board system	Mike Shaffer (214)-340-6800 BBS (214)-340-6824
International Data 3 Users Group (IDIG) P.O. Box 441, Santa Rosa, CA 95402 (707)-528-6560							
None	NA/ 550	ASK Computer Systems, Data 3 Division	IBM AS/400 and IBM S/38 and Data 3 software	John McGuire, Picker International, Highland Heights, Ohio	Sept. 1990, San Francisco	One annual meeting	Victor Kunkel, liaison (707)-528-6560
International DB2 Users Group (IDUG) 111 East Wacker Drive, Suite 600, Chicago, IL 60601 (312)-644-6610							
None; vendor pays $500 per year or $2,500 for life	700/ None	Multiple	DB2	William Sacks, Scott, Foresman and Co. Glenview, Ill.	May 13-17, 1990, Chicago	One annual conference; quarterly newsletters	Jack Thompson, director of administration and conferences (312)-644-6610
International Intergraph Graphics Users Group (IIGUG) (an umbrella organization for national user groups) 1 Madison Industrial Park, Mailstop IW 2001, Huntsville, AL 35807 (205)-772-2292							
None	16,000/ 6,000	Intergraph	All Intergraph hardware and software	Ray Bober, Ebasco, New York City	May 6-10, 1990, Huntsville, Ala.	One international and one U.S. meeting per year; several meetings in foreign countries; periodic newsletters.	IIGUG (205)-772-2292
International Model 204 Users Group Box 966, Cambridge, MA 02142 (617)-661-6204							
$500	1,600/ NA	Computer Corp. of America	Model 204 RDBMS, SQL and related products	Eric Adler, A.C. Nielsen, Dunedin, Fla.	May 6-11, 1990, San Diego	Annual conference, quarterly newsletter, regional groups and special/functional groups.	Debbie McDonald, administrator (617)-661-6204
International Society of Wang Users (ISWU) 1 Industrial Avenue, MS 019-32B, Lowell, MA 01851 (508)-967-4322							
$10	7,000/ None	Wang Laboratories	All Wang products	None	Feb. 5-6, 1990, Lowell, Mass.	Four meetings per year; monthly publication	ISWU office (508)-967-4322

1990 INTERNATIONAL USER GROUP DIRECTORY

Annual Fee	Individual/Corporate Membership	Vendor	Systems/Products	The Officer	Next Meeting	Services Provided	Contact
International Software AG Users Group (SAGGROUP) 11190 Sunrise Valley Drive, Reston, VA 22091 (703)-860-5050							
None	NA/ 3,500	Software AG	All Software AG products	Bill Wagner, University of Texas, Austin, Texas	Nov. 4-8, 1990, San Antonio	One or two international meetings annually; quarterly newsletter	Larry Jayne, member of exec. committee (703)-860-5050
International Tandem Users' Group (ITUG) 111 East Wacker Drive, Suite 1000, Chicago, IL 60601 (312)-565-4689							
$200	2,600/ 900	Tandem Computers	All Tandem products	Steven Moriarty, Expressway, Los Gatos, Calif.	May 13-16, 1990, London	Two international meetings per year; bimonthly journal	Alison Powars, public relations manager (312)-565-4689
Japan Unisys Users Association (JUUA) Nihon Unisys Ltd., 17-51, Akasaka 2-chome, Minato-ku, Tokyo 107 Japan (81)-03-5485-4400							
¥4,000	None/ 1,300	Nihon Unisys	Unisys series 2200/1100, A/V series mainframe	Kazuo Konishi, president, JUUA	May 21, 1990, Tokyo	Two conferences a year; monthly technical publications; two technical reports a year	JUUA general secretary (81)-03-5485-4400
Just-in-Time Special Interest Group (JITSIG) 3600 Pammel Creek Road, LaCrosse, WI 54601 (608)-787-3615							
$25	25/ 20	Cincom Systems	CONTROL: Manufacturing software in both IBM and DEC environments	Bill Jaekel, The Trane Co., LaCrosse, Wis.	NA	Periodic newsletters and meetings	Bill Jaekel, chairman (608)-787-3615
Key Accounts Program (KAP) 14101 Myford Road, Tustin, CA 92680 (714)-730-2698							
None	1,000/ 500	MAI Basic Four	All MAI Basic Four products	Bernard Jubb, MAI Basic Four	April 1990, Palm Springs, Calif.	One national meeting; quarterly newsletters	Bernard Jubb, director of community services (714)-730-2698
LEVEL5 Expert System/PRL Users Group (USERS.PRL) P.O. Box 312, Ramsey, NJ 07446 (201)-307-7866							
$50	25,000/ NA	Information Builders	LEVEL5 software	Gary Ribar, Feet Marwick Main & Co., Ramsey, N.J.	Nov. 1990, Cocoa Beach, Fla.	One annual meeting; two local chapters hold monthly or bi-monthly meetings	Gary Ribar, president (201)-307-7866
Lotus* User Group Program, 55 Cambridge Parkway, Cambridge, MA 02142 (617)-577-8500							
$	NA/ 0	Lotus	All Lotus software products	NA	NA	Quarterly newsletter	Sandra Marcus, manager (617)-577-8500
MAS User Group 6201 South Freeway, Ft. Worth, TX 76134 (817)-551-4004							
$50	None/ 15	None (formerly Martin Marietta)	All MAS software	Larry Cram, Star Technologies Inc.	NA	Two national meetings per year; periodic newsletters	Juan Vela (817)-293-0450
Maximo User Group (MUG) 20 University Road, Cambridge, MA 02138 (617)-661-1444							
None	750/ 0	Project Software & Development	Maximo Maintenance Systems running on DOS	NA	Aug. 1990, Cambridge, Mass.	One annual meeting	Rob Bloom, coordinator (617)-661-1444
MBF National Users Group (MBFNUG) P.O. Box 124, Union City, GA 30291 (800)-241-7345							
$	1,100/ 800	MAI Basic Four	All MAI Basic Four products	George Miller, Cleveland Group Inc., Atlanta	To be announced	One national conference per year; newsletters; educational services	Phil Basler, liaison (714)-730-2698
McCormack & Dodge User Group USA (an umbrella organization with member groups organized by product, industry or region) 1225 Worcester Road, Natick, MA 01760 (508)-650-2311							
None	All customers	McCormack & Dodge	Financial, human resource, software & tools.	NA	June 17-20, 1990, San Francisco	One annual conference; regional and special interest meetings; quarterly magazine	Jane Mackin, manager of customer relations (508)-650-2311

* Information on 30 nationwide user groups

1990 INTERNATIONAL USER GROUP DIRECTORY

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McCormack & Dodge User Group U.K.
P.O. Box 273, Kings House, Bond Street, Bristol BS99 7AL U.K. (44)-272-276-866

Annual fee	Individual/Corporate Membership	Vendor	Systems/Products	Top Officer	Next Meeting	Services Provided	Contact
None	All U.K. users	McCormack & Dodge U.K.	Financial and tools software	NA	Sept. 1990,	One conference, quarterly magazine	Janet Withall (44)-272-276-866

Management Systems Conference (MSC)
10505 Sorrento Valley Road, San Diego, CA 92121 (619)-452-0170

To be determined	NA/ NA	Computer Associates International	Financial, accounting, distribution and decision support software	NA	Sept. 16-20, 1990, Orlando, Fla.	One meeting per year	MSC office (619)-452-0170

MHS Users Group
600 McDonnell Boulevard, Hazelwood, MO 63042 (314)-233-9330

0	None/ 75	American Express Information Services Co. Health Systems Group	Integrated financial systems	Don Kalb, Galion Community Hospital, Galion, Ohio	April 1990	Two meetings per year	Don Kalb, president (419)-468-4841

Microsoft (Company acts as an umbrella for :
1 Microsoft Way, Redmond, WA 98052 (206)-882-8080

0	NA/ NA	Microsoft	All Microsoft software packages	Mimi Getchell, Microsoft Corp., Redmond, Wa.	NA	Provides information on nationwide user groups	Tonya Dressel, coordinator (206)-882-8080

MICRU International
1732 Montane Drive East, Golden, CO 80401 (303)-526-9862

$50	650/ 150	McDonnell Douglas Computer Systems	McDonnell Douglas series 6000; 9200; series 18; series 7000	Herb Jackson	Sept. 5-8, 1990, San Francisco	One national educational conference per year; periodic newsletters	Herb Jackson, president (303)-526-9862

MISER Users Group Inc. (MUG)
5008 Pine Creek Drive, Westerville, OH 43081 (614)-899-6301

$400	None/ 151	The Newtrend Group	MISER financial software package	Robert Wilson, Dryades Savings & Loan, Metairie, La.	May 9-11, 1990, Lake Buena Vista, Fla.	One annual meeting, quarterly newsletter	Betty Hindes, asst. exec. dir. (614)-899-6301

Motorola Computer Systems Users Group
Purdue University, Lafayette, IN 47907 (317)-494-6147

None	150-200/ 20	Motorola Computer Systems	All products	Dan Kinder, Purdue University	May or June 1990, Schaumburg, Ill. Lafayette, Ind.	One annual meeting	Dan Kinder, president (317)-494-6147

MT User Group (MUG)
Chuo Building No. 22, 2-11-8 Ginza, Chuo-ku, Tokyo 104, Japan (03)-546-2705

5,000 Yen indiv.; 20,000 Yen corp.	3,000/ 100	Ricoh Co.	Ricoh personal computers	Haruo Uehio, Ushio Electronic Co.	NA	Quarterly newsletter	NA

NAHU, an Association of Bull Users
P.O. Box 2037, Willingboro, NJ 08046 (609)-429-0775

$125	None/ 468	Bull HN Info Systems	DPS 4, 6, 7/7000, Level 6, Level 62/64; DPS 8; and microproducts	Shirley Eick, Metropolitan Life Inc., New York, City	March 25-28, 1990, Cincinnati	Two national meetings per year, regional groups; educational seminars	Les Pacca, exec. director (609)-429-0775

Nantucket (over 60 local and regional groups worldwide)
12555 W. Jefferson Boulevard, Los Angeles, CA 90066 (213)-390-7923

by group	NA/ NA	Nantucket	Clipper database development system for PCs and compatibles	NA	NA	Provides information on over 60 user groups	Natalie McNeal, coordinator (213)-390-7923

National Datapoint Users Group (NDUG)
P.O. Box 9197, Arlington, VA 22209 (703)-841-8515

$50	150/ NA	Datapoint	All Datapoint products and non-Datapoint products that connect to and serve Datapoint's ARCnet	Sue Farni, City of Mobile, Mobile, Ala.	June 1990, San Antonio	One annual meeting	Sue Farni, president (205)-434-7830

1990 INTERNATIONAL USER GROUP DIRECTORY

Annual Fee	Individual/Corporate Membership	Vendor	Systems/Products	Top Officer	Next Meeting	Services Provided	Contact
National Epson Users Group (NEUG) (with approximately 30 local user groups throughout the country) P.O. Box 1076, Lemont, PA 16851 (814)-237-5511							
$25	2,400/None	Multiple	QX-10, QX-16 and Equity line of Epson computers; Epson line of printers; also supports WordStar, Venture Desktop publishing and most public domain and SHAREware	Richard Shoemaker, NEUG, Lemont, Pa.	March 9-11, 1990, State College, Pa.	One meeting a year; monthly newsletter; electronic bulletin board	Richard Shoemaker (814)-237-5511
The National Prime Users Group Inc. (NPUG) P.O. Box 697, Laurel, MD 20707 (301)-490-2056							
$25	2,500/None	Prime Computer	All Prime systems	John H. Steffen St. Louis St. Louis	June 3-8, 1990, Orlando, Fla.	One national meeting per year; bimonthly newsletter	Judy Cook, exec. sec. (301)-490-2056
NetWare Users International (NUI) 1122 East 1700 South, Mail Stop C-11-1, Provo, UT 84606 (801)-379-7784							
Varies by chapter	50,000/25	Novell	NetWare operating system and its compatible products	Greg Drusdow, ACORD White Plains, N.Y.	Feb. 1990 Boston	Two international meetings per year; 180 local chapter meetings worldwide; monthly newsletter	Dan J. Payton manager, group administration (801)-379-7784
Network Management Users Group 2 North 9th Street, Allentown, PA 18101 (215)-770-4436							
None	50/NA	Cincom Systems	Net/Master, Info/Master Network tracking system, MAI	Bob Gotthardt, Pennsylvania Power & Light, Allentown, Pa.	Spring 1990	Two meetings per year; quarterly newsletter	Bob Gotthardt (215)-770-4436
Network Systems Corp. Users (NEXUS) 7600 Boone Avenue North, Brooklyn Park, MN 55428 (612)-424-1680							
None	None/344	Network Systems	All NSC products, including HYPERchannel, HYPERbus, Remote Device Subsystem (RDS) hardware and NETEX so[illegible]	Robert V. Ferrara, Raytheon Co., Andover, Mass.	Sept. 11-14, 1990, Orlando, Fla.	Two annual meetings; newsletter	Robert Ferrara, president (508)-470-5377
Network Users Group--AT&T (NUGATT) P.O. Box 1453, Peoria, IL 61655 (309)-6[illegible]							
$100	130/130	AT&T	AT&T local [illegible] data communications	Stephen Patrick, Bradley University, Peoria, Ill.	June 1990, Philadelphia	Two national meetings a year; quarterly newsletter; electronic mail and bulletin board	Stephen Patrick (309)-677-2949
New York Amateur Computer Club (NYACC) P.O. Box 3442, Church Street Station, New York, NY 10008 (Phone NA)							
$20	400/None	Multiple	MS-DOS,UNIX,OS/2, CP/M and others	Steve Walton, president	Jan. 1990	Monthly meetings; 12 special interest groups with monthly meetings; monthly newsletters	NA
New York IBM Users Group (NYPC) 40 Wall Street, Suite 2124, New York, NY 10005 (212)-533-NYPC							
$25	3,000/None	Multiple	MS-DOS,OS/2,UNIX	David Hoffman	Jan. 1990	Monthly meetings; 50 special interest groups; monthly newsletters; two bulletin boards	NYPC (212)-533-NYPC
New York Macintosh Users Group (NYMUG) P.O. Box 2269, New York, NY 10116 (212)-691-0496							
$32	1,500/None	Apple	Macintosh and related products	Sonya Brockstein	Jan. 1990	Monthly meetings; monthly newsletters	(212)-691-0496
Norsk Computer Users Society (NOCUS) P.O. Box 44, Bogerud, 0621 Oslo 6, Norway (47)-262-8000							
NKr 1,000	None/600	Norsk Data	All Norsk Data and Norsk Data-related products	Janett South, Statoil, Stavanger, Norway	Feb. 6-7, 1990, Copenhagen	Four conferences a year; quarterly newsletter	General Secretary, NOCUS (47)-262-8000

1990 INTERNATIONAL USER GROUP DIRECTORY

Annual Fee	Individual/Corporate Membership	Vendor	Systems/Products	Top Officer	Next Meeting	Services Provided	Contact
North American Data General Users Group (NADGUG) Suite 3150, 4807 Spicewood Springs Road, Austin, TX 78759 (800)-877-4787; outside U.S. (512)-345-5316							
$40	3,032/ None	Data General	All DG products	Les Jones, Gulf Coast Systems, Houston	Oct. 22-25, 1990, Seattle	One national conference per year; monthly magazine; software library; access to regional and special interest groups	Jennifer Foye, membership coordinator (512)-345-5316
North American INGRES Users Association (NAIUA) 1080 Marina Village Parkway, Alameda, CA 94501 (415)-748-3402							
None	4,000/ NA	Relational Technology	INGRES and its related family of RDBMS software products	Betty Stokes, DataBase Developers	May 6-10, 1990, Salt Lake City	Annual meeting; quarterly newsletter	Alan B. Hayes, chairperson (801)-582-5847, ext. 6863
North American NCR Financial Users Group (NANCRFUG) 5008 Pine Creek Drive, Suite B, Westerville, OH 43081 (614)-895-1280							
$150	None/ 275	NCR	NCR equipment and NCR financial software	Dennis Reedy, 1 Financial Place Knoxville, Tenn.	Oct. 7-10, 1990, Baltimore	Two annual meetings; quarterly journal	Beverly Kaime, asst. exec. dir. (614)-895-1280
Nuclear Data Users' Group (NDUG) Golf and Meacham Roads, Schaumburg, IL 60196 (312)-884-3600							
None	150/ None	Nuclear Data	VAX and PC-based computer systems and software for analyzing radiation	Marianne Davidson, Nuclear Data Schaumburg, Ill.	April 1990	Biennial national meetings	Marianne Davidson (312)-884-3613
OASIS Computer Software Group P.O. Box 359, Norwalk, CT 06856 (203)-845-5141							
$50 to $250	250/ 250	Must Software International	NOMAD software products	Mike Adel, Industrial Indemnity, San Francisco	May 20-24, 1990, Nashville	One annual meeting; quarterly newsletter	Barbara Gomez, (203)-845-5141
OASIS Users Group 1777 North Kent Street, Arlington, VA 22209 (703)-841-6000							
None	20 sites/ NA	American Management Systems	OASIS software	Steve Patterson, Johnson County, Kan.	April 1-4, 1990, New Orleans	One annual meeting	Sue Wolfe, coordinator (703)-841-6000
PCS Users Group 600 McDonnell Boulevard, MO 63042 (314)-233-9330							
NA	None/ 30	American Express Information Services	Comprehensive clinical information systems for order capture and results reporting	Ray Shingler, Peninsula General Hospital, Salisbury, Md.	To be announced Cupertino, Calif.	Three meetings per year	Ray Shingler, president (301)-543-7300
PEISUG 40 Broad Street, Boston, MA 02109 (617)-350-7035							
None	500/ 400	Pilot Executive Software	EIS and DSS software packages	Mark Albala, American Cyanamid, Clifton, N.J.	Sept. 1990	One meeting per year; quarterly newsletters	Robin Donegan, manager of users group (617)-350-7035
Personnel Management User Group (SIP) V. le Egmardo 29, 20149 Milan, Italy (39)-2-49931							
$1,600	None/ 70	Data Management Milan	Data Management personnel management software packages	A. Pellegrini, Data Management, Milan	NA	Two conferences and two technical meetings per year; bimonthly newsletters	A. Pellegrini (39)-2-49931
Phoenix Software User Group 5933 West Century Boulevard, Suite 1200, Los Angeles, CA 90045 (213)-338-0400							
None	NA	Phoenix Software	All Phoenix software products	NA	March 27-30, 1990, Long Beach, Calif.	One meeting per year; quarterly newsletter	Elizabeth Greene, conference coordinator (213)-338-0400
Price Waterhouse Software Users Group 1410 North Westshore Boulevard, Tampa, FL 33607 (813)-287-9000							
None	750/ 250	Price Waterhouse	PW's proprietary accounting packages, PWS/FMS and PWS/IDEAS	Dan Soper	NA	One national meeting per year; newsletter	Priscilla Lewis, Price Waterhouse (813)-287-9000

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1990 INTERNATIONAL USER GROUP DIRECTORY

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Annual Fee	Individual/Corporate Membership	Name	Systems/Products	Top Officer	Next Meeting	Services Provided	Contact
Primavera Users Group 2 Bala Plaza, Bala Cynwyd, PA 19004 (215)-667-8600							
None	9,500/ 7,500	Primavera Systems	Primavera software packages	Joel Koppelman, Primavera	To be announced	One annual national meeting; regional meetings; quarterly newsletter	Scott Deutsch, (215)-667-8600
Project Oriented Manufacturers Special Interest Group (PROSIG) c/o Lucas Western, 2604 Highway 20 North, Jamestown, ND 58401 (701)-252-6250							
None	25/ 16	Cincom Systems	CONTROL: Manufacturing in both the IBM and DEC environments	Gary Weinberger, c/o Lucas Western, Jamestown, N.D.	To be announced	Periodic meetings and newsletters	Gary Weinberger (701)-252-6250
Pyramid User Group (PUG) 1295 Charleston Road, Mountain View, CA 94043 (415)-965-7200							
$100 org./ $25 indv.	170/ 65	Pyramid Technology	All products	Cathy Beste, Robert Wood Johnson Foundation, Princeton, N.J.	Jan. 1990, Washington, D.C.	Semiannual meetings	Cathy Beste (609)-452-8701
Relational Users Group (RUG) 2700 South Quincy Street, Arlington, VA 22206 (703)-671-9500							
$50	125/ NA	Cincom Systems	SUPRA	Chuck Gross, Tidewater Consultants, Arlington, Va.	Feb. 1990	Two meetings per year; newsletter	Chuck Gross (703)-671-9500
Research Triangle Area INGRES User's Association P.O. Box 30754, Raleigh, NC 27622 (919)-787-8611							
None	130/ None	Relational Technology	INGRES software	Jerry Helms	Feb. 1990, Raleigh, N.C.	Four to six meetings per year	Jerry Helms, spokesperson (919)-787-8611
Sacramento PC Users Group (SPCUG) P.O. Box 162227, Sacramento, CA 95816 (916)-334-7780							
$25	NA/ None	Multiple	All types of PCs	Rick Hellewell	Jan. 1990	Monthly meetings; monthly newsletters; special interest groups support local chapters	Milt Hull, vice president (916)-334-7780
SAS User Group International (SUGI) (an umbrella group for approximately 130 regional, local and corporate user groups) SAS Circle, Box 8000, Cary, NC 27512 (919)-467-8000							
None	NA/ NA	SAS Institute	SAS System, System 2000, Data Management System, C products and Neovisual software	Tony L. Ona, Squibb Corp. Princeton, N.J.	April 1-4, 1990, Nashville	One national meeting per year; quarterly news magazine	SUGI coordinator (919)-467-8000
Security and Audit Executive Committee 711 Stewart Avenue, Garden City, NY 11530 (516)-227-3300							
None	NA/ 0	Computer Associates International	Top secret and ACF security systems	Abe Barkin, Blue Cross/Blue Shield of Illinois, George Latimer, EDS	July 8-12, 1990, Orlando, Fla.	One national meeting per year; periodic newsletters to local user groups on various security issues; user databases; enhancement tape	Corporate events (516)-227-3300
Sequent Users' Resource Forum (SURF) 15450 Southwest Koll Parkway, Beaverton, OR 97006 (503)-626-5700							
None	200-250/ 0	Sequent Computer Systems	Sequent's line of Symmetry superminicomputers and related products and peripherals	NA	To be announced	One meeting per year; quarterly newsletter	Susan Linman, liaison (503)-626-5700
SHARE 111 East Wacker Drive, Suite 600, Chicago, IL 60601 (312)-822-0932							
None	None/ 2,637	IBM	Complex IBM systems	Cecilia Cowles, Cornell University, Ithaca, N.Y.	March 4-9, 1990, Anaheim, Calif.	Four national meetings per year; newsletter	Pam Schur, public relations manager (312)-644-6610
Shared Medical Systems (SMS) 51 Valley Stream Parkway, Malvern, PA 19355 (215)-296-6300							
NA	None/ 250	Shared Medical Systems	Independence and Invision software packages	Ed McFall, Pitt County Memorial Hospital, Greenville, N.C.	April 4-6, 1990, Philadelphia	Two national meetings per year; periodic newsletters	Richard Tebockhorst (919)-966-2320

1990 INTERNATIONAL USER GROUP DIRECTORY

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Annual Fee	Individual/Corporate Membership	Vendor	Systems/Products	Top Officer	Next Meeting	Services Provided	Contact
SHARE European Association (SEAS) 17, rue Pierres du Niton, 1207 Geneva, Switzerland (41)-22-35-40-66							
NA	450/ NA	IBM	Large-scale and midrange IBM machines	Sverre Jarp, CERN	To be announced	Two meetings a year; newsletter	SEAS (41)-22-35-40-66
Siemens-Informationstechnik Anwenderverein e.V. (SAVE) (West German Siemens user group) Otto-Hahn-Ring 6, 8000 Munich 83, West Germany (89)-636-45640, 44354, 45641							
700 DM	1,600/ 440	Siemens AG	Wide variety of general purpose computer systems; vector-processing systems; workstations; personal and office computers; WAN, LAN and private telecommunication systems	Heinz Brill	March 7-9, 1990, Karlsruhe, West Germany	Three meetings per year; three publications a year	Heinz Kuhnert, (89)-636-45640
Silicon Valley Computer Society (SVCS) 1330 South Bascom, Suite D, San Jose, CA 95128 (408)-286-1271							
$30	900/ None	Multiple	All that fall within the microcomputer arena	Kathy Kodak	Jan. 1990	Monthly meetings on second Tuesday; monthly newsletters; special interest groups	Kent Safford, exec. director (408)-286-1271
Softool Users Group P.O. Box 729, Goleta, CA 93116 (805)-683-5777							
None	NA 1,500	Softool Corp.	All Softool products	Dorothy Huffman, Jet Propulsion Laboratory, Pasadena, Calif.	April 30-May 2, 1990, Washington, D.C.	Annual meeting	Softool Users Group (805)-683-5777
SOTAS Users Group 262 North Delaware Avenue, North Massapequa, NY 11758 (212)-213-7674							
None	1,300/ 0	SOTAS International	SOTAS software packages for Wang VS and HP equipment	John Parisi	Sept. 16-19, 1990, St. Louis	One conference per year; semiannual newsletter	John Parisi, chairman (212)-213-7674
Special Interest Group for Medical Applications (SIGMA) 2550 Garcia Avenue, Mountain View, CA 94043 (415)-336-5561							
None	350/ 50	Sun Microsystems	Sun equipment for medical applications	Ken McCray, Sun MicroSystems Mountain View, Calif.	Jan. 1990, Northern Calif.	Two worldwide meetings per year; regional meetings; periodic newsletters	Claire Eurglunes, liaison (415)-336-5561
StorageTek Forum 2270 South 88th Street, MS4355, Louisville, CO 80028 (303)-673-4732							
None	188/ 126	Storage Technology	Large systems storage products	Dean Boissoneau, Southern New England Telephone Co., New Haven, Conn.	Fall 1990,	Annual meeting	Renae Clark, coordinator (303)-673-4732
STRATEGY P.O. Box 685, Boston, MA 02102 (508)-460-2010							
$200 voting or $20 assoc. member-	300/ NA	Stratus Computer	Stratus architecture	John Fisher, GTE Corp., Boston, Mass.	Oct. 21-24, 1990, Phoenix	One annual meeting; periodic newsletter	Celeste Mikitarian, coordinator (508)-460-2010
SUNnet 51 Valley Stream Parkway, Malvern, PA 19355 (215)-296-6300							
0	NA NA 0	Shared Medical Systems	FMS, ACTION, EXACT software	Dan Walsh, Mercy Catholic Medical Center, Philadelphia	March 1990	One national meeting per year	Dan Walsh (215)-237-4840
Sun User Group Inc. (SUG) 2550 Garcia Avenue, Mail Stop 10-16, Mountain View, CA 94043 (415)-336-4112							
$30 indiv.; $125 inst.	6,500/ NA	Sun Microsystems	All Sun products	William Toth, MIT, Cambridge, Mass.	Dec. 1989, San Jose	One annual worldwide conference and exhibition; monthly newsletter; local user group support center	Dave Howard, SUG office (415)-336-4112

1990 INTERNATIONAL USER GROUP DIRECTORY

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Annual Fee	Individual/Corporate Membership	Vendor	Systems/Products	Top Officer	Next Meeting	Services Provided	Contact
System Administration Special Interest Group (SASIG) 5353 Highlands Drive, Jackson, MS 39206 (601)-987-5249							
None	$1/45	Cincom Systems	CONTROL: Manufacturing software in both the IBM and DEC environments	Denice Laham, Vickers Inc., Jackson, Miss.	To be announced	Periodic meetings and newsletters	Denice Laham (601)-987-5249
Systems Center Users Group 1800 Alexander Bell Drive, Reston, VA 22091 (703)-264-8000							
None	NA/NA	Systems Center	VMCENTER II, Network DataMover, Relational Database products, Network Administration products	NA	June 3-6, 1990, Dallas	Annual meeting; quarterly newsletter	Richard Smith, coordinator (703)-264-8000
Systems Software Conference Executive Committee (SSC) 711 Stewart Avenue, Garden City, NY 11530 (516)-227-3300							
None	NA	Computer Associates International	All CA systems products	Ross Markley, Perpetual Savings	Aug. 19-24, 1990 St. Louis	One meeting per year	Caroline Schafer (516)-227-3300 ext. 7052
Tangent c/o Nexus Inc. 7700 Leesburg Pike, Suite 205, Falls Church, VA 22043 (703)-847-6644							
$100	None/240	Tandy Corp.	All Tandy computers	John Esak, Nexus Inc.	NA	One national meeting per year; four newsletters	John Esak (703)-847-6644
Texas Instruments Mini/Microcomputer Information Exchange (TIMIX) P.O. Box 201897, Austin, TX 78720 (512)-250-7151							
$40	None/6,000	Texas Instruments	All TI computer products	Rosemary Colgrove, TIMIX, Austin, Texas	April 1990 Dallas	One national meeting per year; monthly magazine	TIMIX office (512)-250-7151
Trax User Group (TUG) 10801 National Boulevard, Los Angeles, CA 90064 (213)-475-8729							
None	2,000/500	Trax Softworks	Trax software products and others that interface to Trax products	Leo Hoyt, Caltrans Sacramento, Calif.	Feb. 25-28, 1990, Long Beach, Calif.	One annual meeting; quarterly newsletter	Leslie Thomas, coordinator (213)-475-8729
Tymnet Happy Users Group (THUGS) 2560 North First Street, San Jose, CA 95161 (408)-922-7505							
$50	*/NA	McDonnell Douglas Network Systems	Tymnet-oriented network products	Edith Jeffrey, Chase Manhattan Bank, New York City	June 1990	One national meeting per year; quarterly newsletter; one magazine	Tony Agnelli, (408)-922-7505 or Bob Barbour (408)-922-7534
UFO-COBOL/XE International User Group P.O. Box 2392, Princeton, NJ 08540 (609)-799-6300							
None	1,200/0	On-Line Software International	UFO Productivity System and COBOL/XE	Stephanie Suttle, City of Newport News, VA	Sept. 1990, Nashville	One annual meeting; annual survey for product enhancements	Lisa Jones, user group secretary (800)-257-9523
Ungermann-Bass Users Group 3900 Freedom Circle, Santa Clara, CA 95052 (408)-562-7741							
$30	600/125	Ungermann-Bass	Ungermann-Bass network products	Lynn Goodhue, Smith College Northampton, Mass.	May 1990 Orlando, Fla.	Two meetings a year; newsletter twice a year	Amparo Lago, coordinator (408)-562-7741
Unisys Users Association (UUA) Woodside, Over Lane, Baslow, Bakewell, Derbyshire DE4 1RT U.K. (44)-24-688-3241							
Varies by equipment	None/1,700	Unisys	Complete Unisys product range	Roger Toms, Surrey County Council	April 30-May 4 1990, Vienna	Two conferences per year in Europe; *UUA Journal* published eight times per year; periodic special reports	UUA (44)-24-688-3241
USE Inc. Box 461, Bladensburg, MD 20710 (301)-699-9336							
$250 gen./$650 vendors	None/700	Unisys	Unisys 1100/2200, 5000/6000/7000	James T. Ault III, Creighton University, Omaha, Neb.	April 23-27, 1990, Nashville	Two annual meetings; monthly newsletter	USE office (301)-699-9336

* Network customers become automatic members

1990 INTERNATIONAL USER GROUP DIRECTORY

U V W X

Annual Fee	Individual/Corporate Membership	Vendor	Systems/Products	Top Officer	Next Meeting	Upcoming Programs	Contact
Usenix Association 2560 9th Street, Berkeley, CA 94710 (415)-528-8649							
$40 indiv.; $125 educ.; $275 corp.	2,800/ indiv. 350 educ. inst. 275 corp.	UNIX and UNIX-like OS vendors	UNIX and similar operating systems and the C programming language	Alan G. Nemeth, Prime Computer Inc., Framingham, Mass.	Jan. 22-26, 1990, Washington, D.C.	Two meetings per year; bimonthly newsletter and quarterly journal	Usenix Assoc. (415)-528-8649
UserFacts Inc. 1700 Broadway, New York, NY 10019 (212)-765-8500							
$200	None/ 78	Erisco	ClaimFacts and CertiFacts health care management software	Allen Heilman, Central Benefits Mutual Insurance Co., Columbus	May 1990 Ft. Lauderdale, Fla.	One annual conference	Marcie Cohen, liaison (212)-765-8500
University UNIX System V Users Group (u3g) AT&T, 1776 on the Green, Morristown, NJ 07960 (800)-247-1212 (ext 585)							
None	600/ 280 Univs.	AT&T	UNIX System V environment	David Binkley, Johns Hopkins Univ., Baltimore	March 21-23, 1990 San Francisco	One annual meeting; quarterly newsletter	Margaret Cekada, manager, univ. programs, AT&T (201)-898-6023
UniForum (formerly /usr/group) - with 20 affiliated groups, six in the United States and 14 overseas. 2901 Tasman Drive, Suite 201, Santa Clara, CA 95054 (408)-986-8840							
$100	5,600/ None	UNIX and UNIX-like OS vendors	All UNIX systems	Doug Michels, Santa Cruz Operation, Santa Cruz, Calif.	Jan. 23-27, 1990, Washington, D.C.	One annual meeting; biweekly newsletter and magazine; Unix products; updates on POSIX	UniForum office (408)-986-8840
Utility User Group 20 University Road, Cambridge, MA 02138 (617)-661-1444							
None	900/ 0	Project Software and Development	Project management software consisting of PROJECT/2 and QWIKNET Professional running on IBM MVS and DEC VMS and PC DOS environments, and APECS-8000 utilizing UNIX	Tony Catanese, Pennsylvania Electric Co., Johnstown, Pa.	Fall 1990	One annual meeting	Ron Wallace, coordinator (617)-661-1444
VIM-Australasia 8100 34th Avenue South, Minneapolis, MN 55440 (612)-853-5691							
None	NA 20	Control Data	All CDC products	Alan Bell, Univ. of Melbourne	NA	One annual meeting; bimonthly newsletter	Sharron Tryon, administrator (612)-853-5691
VIM Inc. 8100 34th Avenue South, Minneapolis, MN 55440 (612)-853-5691							
$100	NA 315	Control Data	All CDC products	Robert Kirkman Combustion Engineering Windsor, Conn.	Jan. 14-17, 1990, San Antonio	Two national meetings and two interim meetings per year; bimonthly newsletter	Sharron Tryon, administrator (612)-853-5691
Washington DC Metro Area IDS User Group c/o Chris Cockrell, 3871 Wilcoxson Drive, Fairfax, VA 22031 (703)-978-4134							
0	237/ None	Computer Associates	CA's IDMS database management system	Chris Cockrell Fairfax, Va.	Jan. 26, 1990	Quarterly meetings	Chris Cockrell (703)-978-4134
Westchester PC Users Group (WPCUG) P.O. Box 349, White Plains, NY 10602 (914)-923-1337							
NA	500/ NA	Multiple	MS-DOS, OS/2, UNIX	Michael Friedman	Jan. 1990	Monthly meetings; monthly newsletters	WPCUG (914)-923-1337
XL/Group Inc. One Main Street, Cambridge, MA 02142 (617)-494-8200							
$95	NA/ 540	Index Technology	Excelerator, Excelerator/RTS, XL/DI, PC Prism	Dennis Barham, CIGNA Corp., Windsor, Conn.	Sept. 1990, New Orleans	One annual conference; quarterly newsletter; software library	Pamela Meyer, Index Technology (617)-494-8200
XPEDITER User Group 535 Race Street, San Jose, CA 95126 (408)-286-7500							
None	None/ 1,002	Application Development Systems	XPEDITER (testing/debugging), NAVIGATOR (source analysis) and SQLizer (DB2 development).	James McDonald, Blue Cross of Ill., Chicago	March 18-21, 1990, San Francisco	One annual conference; quarterly newsletter	Audrey Williams coordinator (612)-560-8633

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Newton, MA 02158
Attn.: David R. Brousell